



PARTNERS

Enterprise Oil Norge Ltd, Saga Petroleum A/S

WELL 6507/3-3B

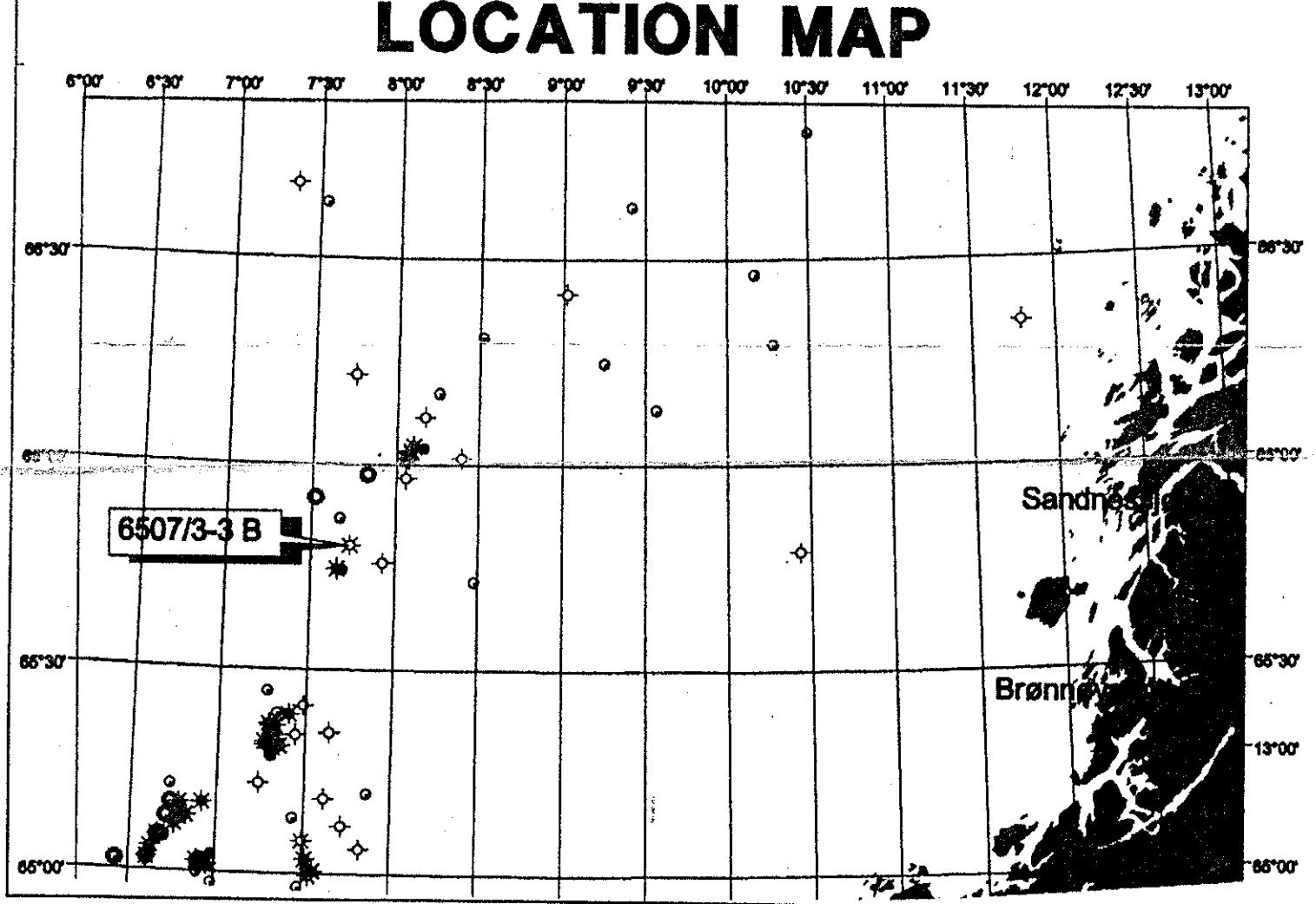
COMPOSITE LOG

1 : 500

PROSPECT STRUCTURE

Idun

AREA: Norwegian North Sea
 LICENCE: PL 159
 COORDINATES: 65° 48' 03.73" N
 07° 43' 28.69" E
 KB: 25m
 WATER DEPTH: 416m
 TOTAL DEPTH: 4275m MD / 3840,9 mTVD
 FM. AT T.D.: Tilje Formation
 SPUD DATE: 08-05-99
 RIG RELEASE: 20-08-99
 WELL STATUS: P & A - gas discovery
 RIG: Byford Dolphin
 CONTRACTOR: Dolphin Doc AS
 GEOLOGISTS: Lauritsen, Østby, Furmyr, Basset, Wnsvold, Clement, Bjerkenes



PREPARED BY: I. Wnsvold

CASING DATA LEAK OFF TESTS VELOCITY SURVEY

9 5/8" casing at 3755 mMD

LOGS RUN

CONTRACTOR: Schlumberger tools, BA wirel.

MWD Navigator Triple-combo
 Run 21: 3752-3820m
 Run 22: 3820-3899m
 Run 23: 3899-3959m
 Run 24: 3959-412m
 Run 25: 3952-412m
 Run 26: 3790-4174m
 Run 27: 4174-4275m
 Depths are bit depths

LDT-CNT-GR-MDT
 Run on 09m
 Run1A: 3894-4262m

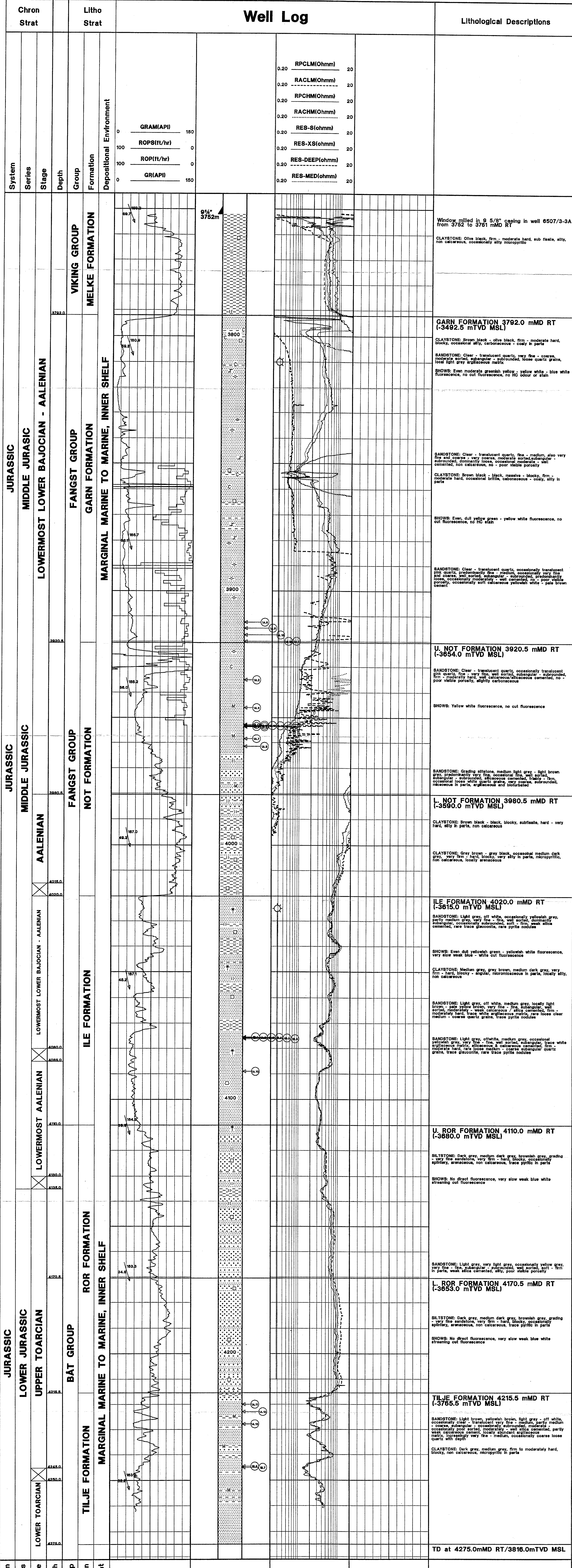
COMMENTS:
 The well is sidetracked from well 6507/3-3A. Window cut in 9 5/8" casing at 3752 - 3757 mMD RT (3497 - 3502 mTVD RT)
 El-logs on pipe: Schlumberger tools were used on Baker Atlas wireline

LITHOLOGICAL SYMBOLS

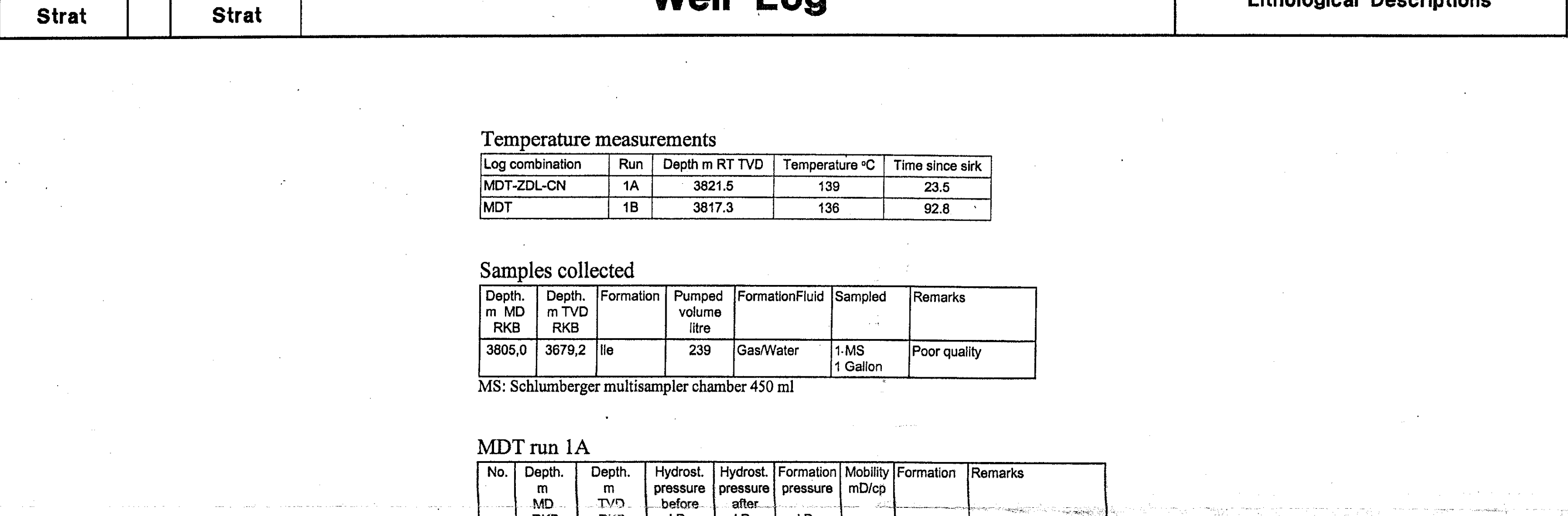
	CONGLOMERATE		SHALE		MARL		COAL/LIGNITE		FORAMS		MICA
	SAND SANDSTONE		LIMESTONE		TUFF		WOOD FRAG		BURROWS		KAOLINITE
	SILT/SILTSTONE		CHALK		SALT GENVL		FOSSILS GENVL		PYRITE		CHERT
	CLAY/CLAYSTONE		DOLOMITE		ANHYDRITE		SHELL FRAG		GLAUCONITE		SIDERITE
	Ooze										

	CUTTINGS/FLUORESCENCE		OIL SHOW		OIL/GAS SHOW		GAS SHOW
	AZIMUTH & INCLINATION		SIDEWALL CORES		CORES		DST
	1.5, 2.8, R 1.2		SIDEWALL CORE NO RECOVERY		CORE NO		RFT/FMT
	ROTARY SIDEWALL CORE		SAMPLE		CASING SHOE / LINER		CHRONO STRAT

Well Log



Well Log



Temperature measurements

Log combination	Run	Depth m RTVD	Temperature °C	Time since sink
MDT-ZDL-GN	1A	3821.5	139	23.5
MDT	1B	3817.3	136	92.8

Samples collected

Depth m MD RKB	Depth m TVD RKB	Formation	Pumped volume litre	Formation Fluid	Sampled	Remarks
3805.0	3679.2	ite	239	Gas/Water	1 MB, 1 Gallon	Poor quality

MS: Schlumberger multisampler chamber 450 ml

MDT run 1A

No.	Depth m MD RKB	Depth m TVD RKB	Hydrost. pressure before kPa	Hydrost. pressure after kPa	Formation pressure kPa	Mobility mD/cp	Formation	Remarks
1	3920.0	3678.8	440.30	440.40	372.69	296.7	Garn	Excellent
2	3935.0	3587.9	441.30	441.50	372.73	33.8	Garn	Good
3	3946.0	3594.0	442.10	442.40	372.83	13.7	Garn	Good
4	3953.5	3599.2	442.70	442.90	372.94	7.4	Garn	Good
5	3914.8	3577.1	437.20	437.50	372.40	5.4	Garn	Fair
6	3912.4	3575.8	437.50	437.70	372.52	1.3	Garn	Good, probe 2
7	3958.4	3601.0	440.50	440.80	373.01	3.5	Garn	Poor
8	3961.5	3602.7	440.70	440.70	373.16	1.5	Garn	Poor
9	4075.5	3679.2	450.70	450.90	376.07	8.7	ite	Poor, supercharged
10	4089.0	3688.1	452.70	452.70	369.14	0.7	ite	Poor
11	4220.0	3794.4	467.40	467.40	367.98	2	Tile	Poor, probe 2
12	4223.0	3797.0	468.30	468.40	372.60	1	Tile	Poor/supercharged
13	4227.9	3801.1	468.00	468.00	369.27	1.4	Tile	Good
14	3920.0	3579.8	437.70	437.70	372.46	0.9	Garn	Fair, testing probe 1
15	3917.5	3576.5	437.20	437.20	374.45	91.7	Garn	Good testing probe 2

MDT run 1B

No.	Depth m MD RKB	Depth m TVD RKB	Hydrost. pressure before kPa	Hydrost. pressure after kPa	Formation pressure kPa	Mobility mD/cp	Formation	Remarks
1	4075.4	3679.1	451.00	451.00	375.05	5.2	ite	Fair
2	4075.6	3679.2	451.20	451.20	375.02	7.2	ite	Good
3	4075.8	3679.4	451.40	451.40	375.06	5.1	ite	Good
4	4075.1	3678.6	451.50	451.50	375.07	4.8	ite	Fair
5	4244.5	3815.1	462.60	462.70	369.00	1	Tile	Sample
6	4245.0	3815.5	462.60	462.60	369.00	1	Tile	Poor
7	4245.0	3815.5	462.60	462.60	369.00	4.5	Tile	Poor
8	3953.6	3596.3	447.60	447.60	372.86	4.3	Garn	Poor
9	3953.4	3596.2	447.20	447.30	372.91	9.1	Garn	Fair
10	3953.2	3596.1	447.00	446.90	372.93	8.1	Garn	Fair
11	3953.0	3595.9	446.80	446.80	372.89	2.1	Garn	Poor
12	3952.7	3595.6	446.60	446.60	373.00	2.1	Garn	Poor
13	3953.1	3596.0	446.70	446.70	373.01	3.6	Garn	Good
14	3953.3	3596.1	446.70	446.70	373.00	4.1	Garn	Confirming gas